

#9



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SEQUENCE LISTING

<110> Sharp Kaul

Josef Preiherr (Deceased)

Ulrich Weidle

<120> A nucleic acid which is upregulated in human tumor cells, a protein encoded thereby and a process for tumor diagnosis

<130> Case 20678

<140>

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<150> EP00110953.7

<151> 2000-05-26

<150> EP00115369.1

<151> 2000-07-15

<160> 12

<170> PatentIn Ver. 2.1

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<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (459)..(848)

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acagtgtggg tctctgacca cccgacgagc tggaagtgca gaccgctgac ctcccttgag 240

aacctactgg gttcttgag taggctcctc agcgggtgtct aaacacgcca ctcagggtgat 300

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Leu Trp Ser Cys Thr Trp Lys Pro Ala Leu Arg Gly Val Ser Leu Gly

10

15

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 Leu His Arg Pro Ser Arg Arg Arg Cys Phe Gln Ala Pro Trp Thr Asp
 40 45 50

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 Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro Arg Gly Gly Pro Ala Leu
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 Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn Ala Trp Leu Val Leu Gln
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aca cag gtg cta aca ggg ccg tca gac aag ggc cag gga ctc agg ctt 764
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tta gga att tca gct cca gag cca cca tgc agt ggg acc agg ggt ctg 812
 Leu Gly Ile Ser Ala Pro Glu Pro Pro Cys Ser Gly Thr Arg Gly Leu
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 Arg Gly Gln Glu Ala Ser Cys Val Asp Gly Gly Pro
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2342

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25

30

Gly Thr Gln Val Gln Arg Leu His Arg Pro Ser Arg Arg Arg Cys Phe

35

40

45

Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro

50

55

60

Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn

65

70

75

80

Ala Trp Leu Val Leu Gln Thr Gln Val Leu Thr Gly Pro Ser Asp Lys

85

90

95

Gly Gln Gly Leu Arg Leu Leu Gly Ile Ser Ala Pro Glu Pro Pro Cys

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Arg Gly Val Ser Leu Gly Leu Trp Ala Glu Asn Leu Lys His Arg Ala
20 25 30

ggc acc caa gtg cag aga ctg cat cgt ccc aac agg agg cgc tgc ttc 144
Gly Thr Gln Val Gln Arg Leu His Arg Pro Asn Arg Arg Arg Cys Phe
35 40 45

cag gct ccc tgg acg gac tcc ggg agg gcg gcc ttt ccc ccc agc ccc 192
Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro
50 55 60

aga ggt ggg cct gcc ctt ttc cga gcg tgg gac aca gcc cag gaa aac 240
Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn
65 70 75 80

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<213> Homo sapiens

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35 40 45

Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro
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<223> Description of Artificial Sequence:primer AUAP

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<210> 8

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<223> Description of Artificial Sequence:primer RTR-5

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<210> 11

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<212> DNA

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<223> Description of Artificial Sequence: β -actin forward
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<223> fragment of sequence AQ548392, nucleotide 1
correspond to nucleotide 304 and nucleotide 127
correspond to nucleotide 430 of the complete
sequence

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<308> AQ548392

<400> 12

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tagcacc 127